

FIG. 1

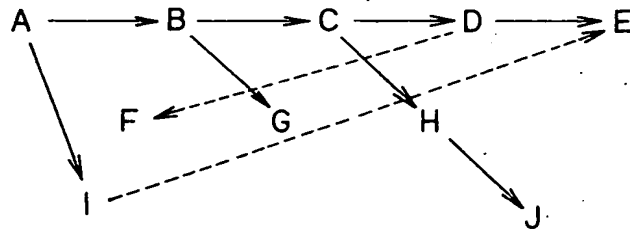


FIG. 2

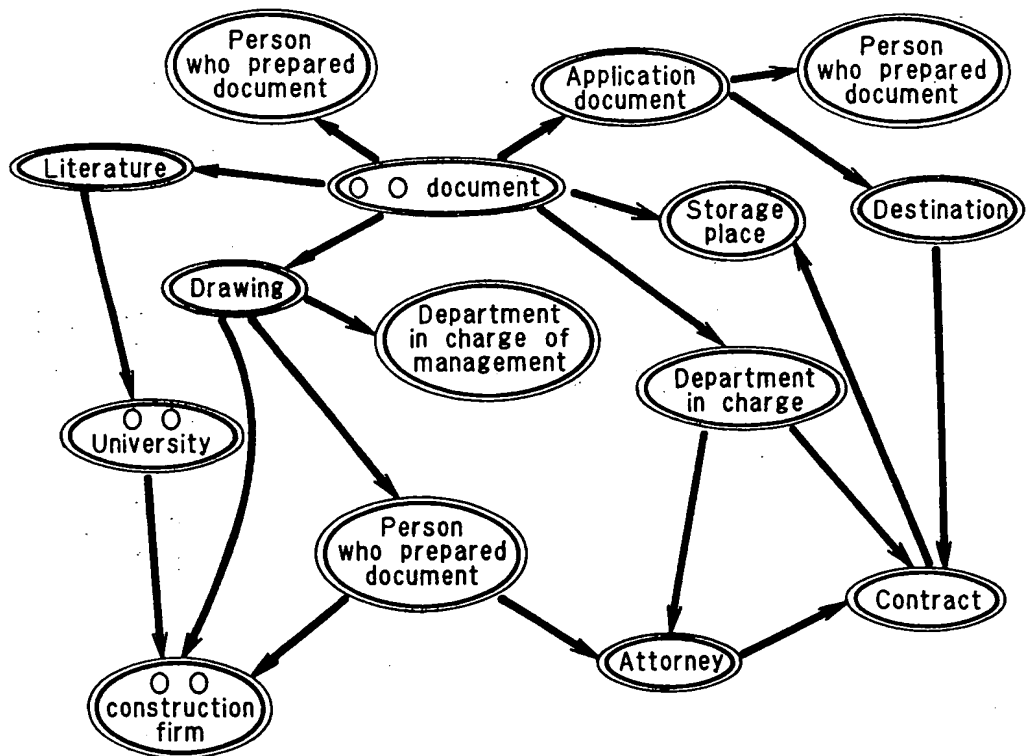
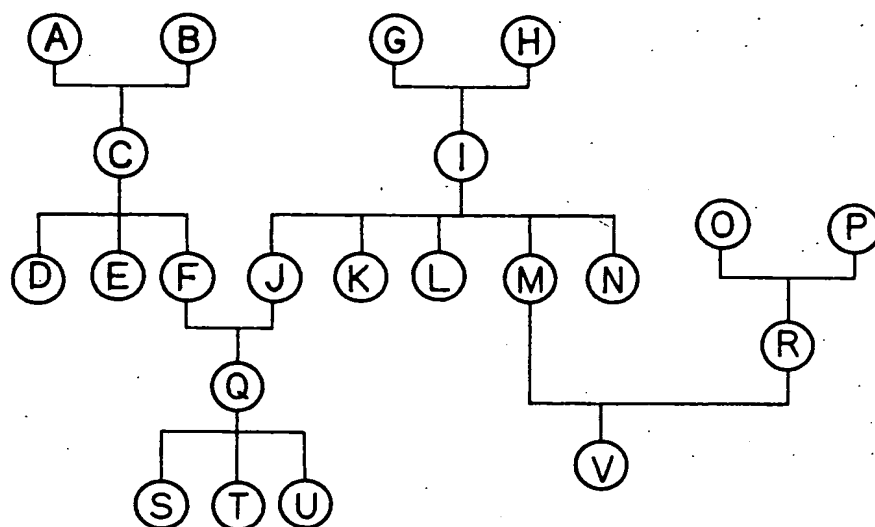


FIG. 3



**FIG. 4**

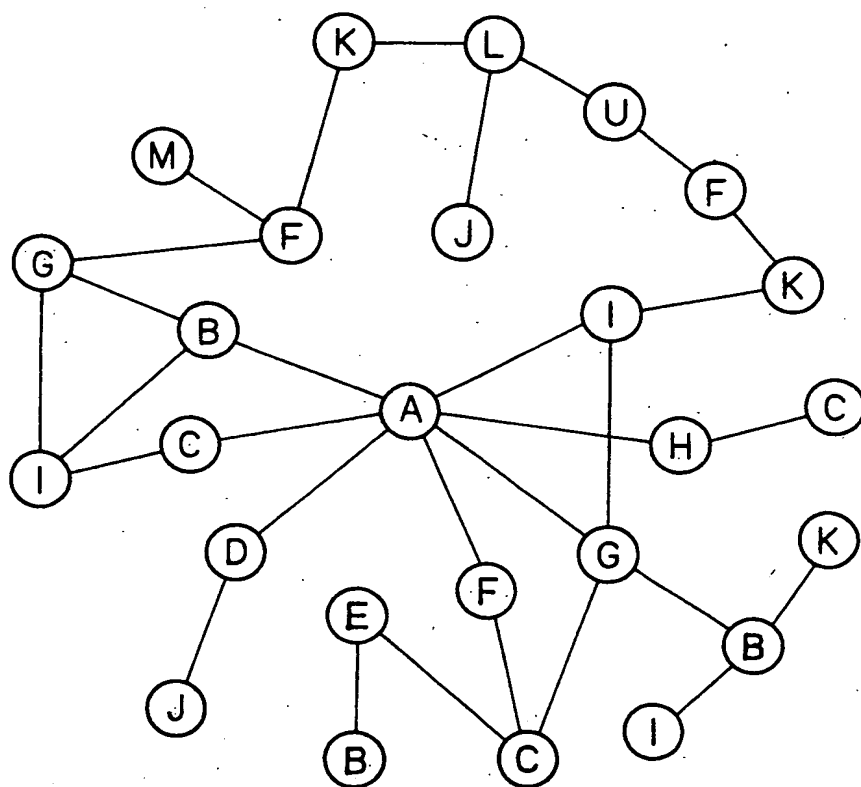


FIG. 5

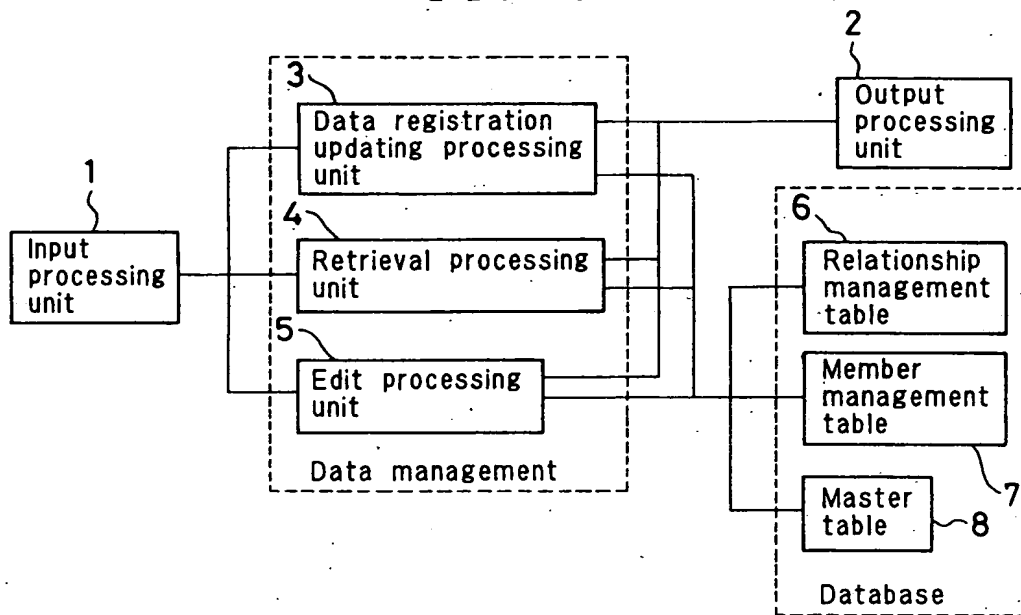


FIG. 6

Identifier		Member detailed information	
Type		Summary	History
Rank			
Classification			
Job type			
Data			

**FIG. 7**

Identifier (parent)	Identifier (child)	Relationship classification

**FIG. 8(A) FIG. 8(B) FIG. 8(C)**

Table for each type	Rank table		Classification table		
Member type	Rank	Priority rank	Large classification	Medium classification	Small classification
Person	Most important	High	Tokyo	Shibuya-ku	Ebisu
Company	Important	Intermediate	Head office	General Affairs Dept.	General Affairs Dept.
Document	Customer A rank	Low			

**FIG. 8(D)**

**FIG. 8(E)**

Job type table	Relationship classification table	
Manufacturer	Relationship classification	Priority rank
Information service provider	Superior staff	High
Self-governig body	Subordinate staff	Medium

FIG. 9

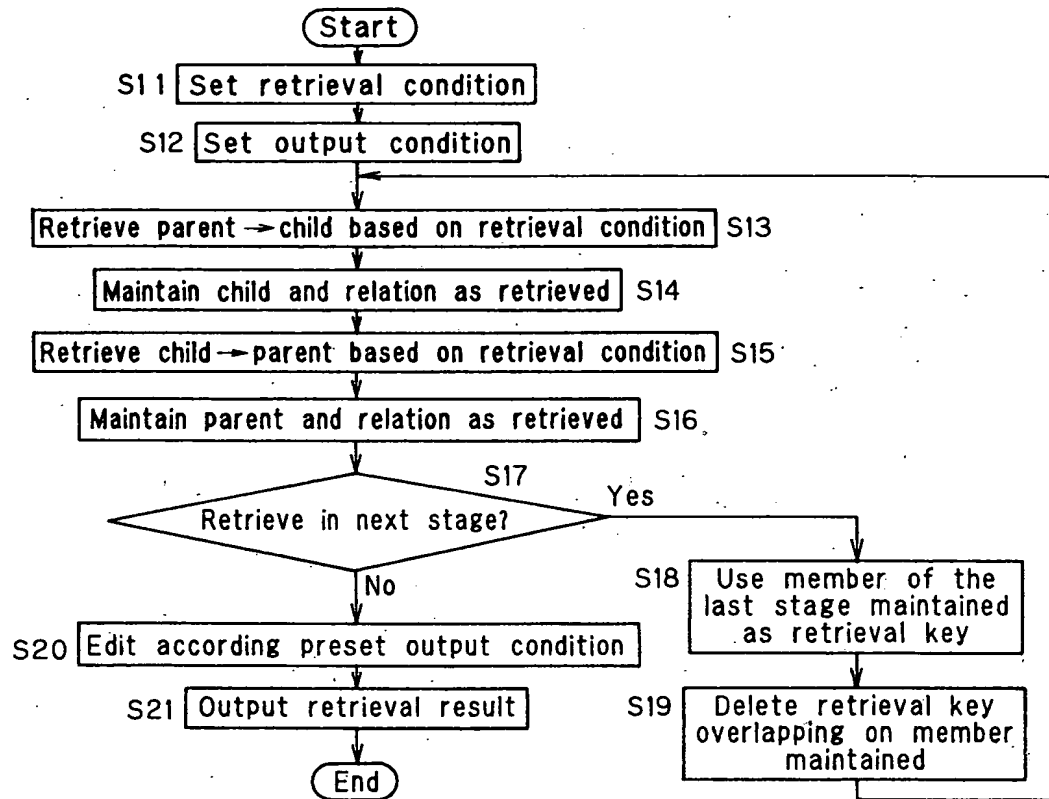


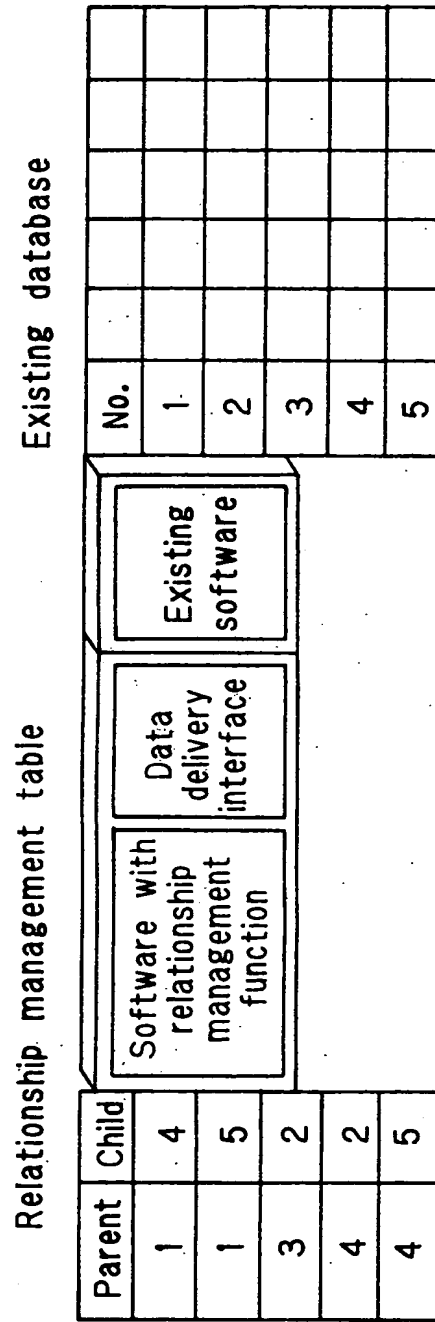
FIG. 10(A)

Member name (ID)	
Type	
Classification	
Rank	
Job type	
Scope of retrieval	

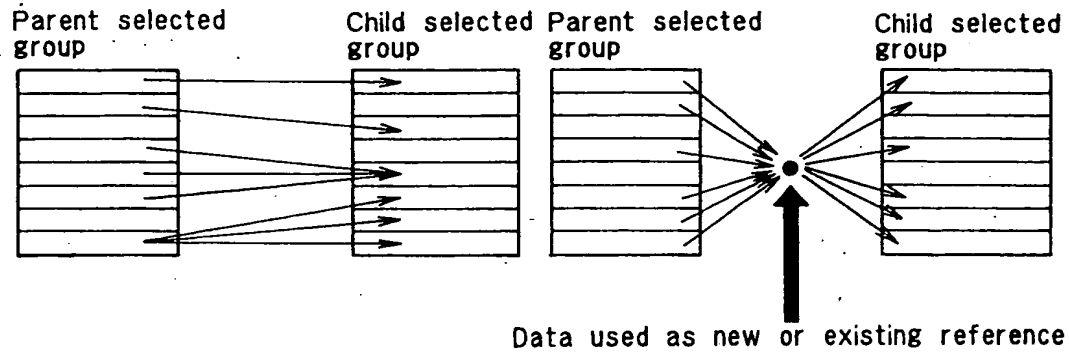
FIG. 10(B)

Parent	
Child	
Color	Parent Child
Relationship	
Mode	
Pattern	

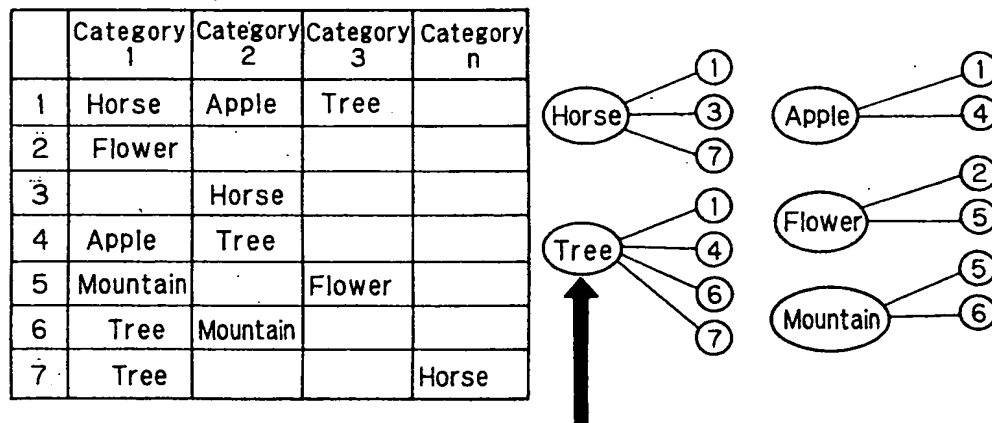
# FIG. 11



**FIG. 12**

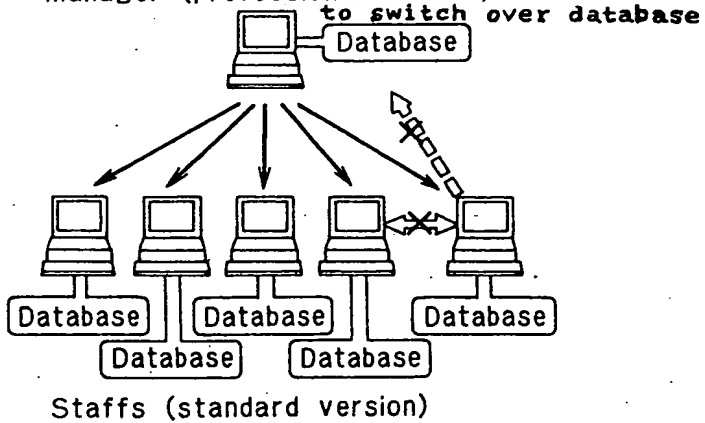


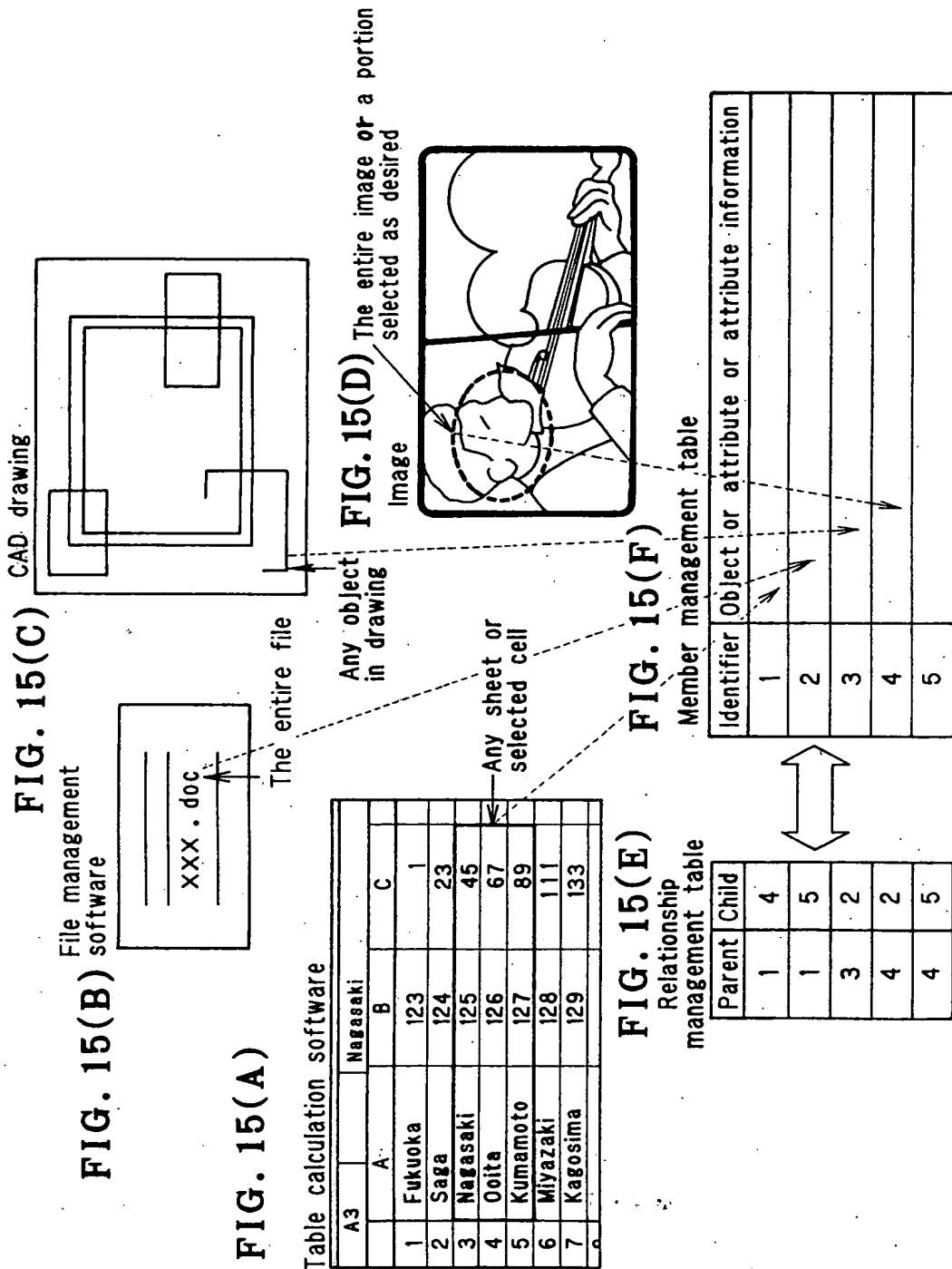
**FIG. 13**



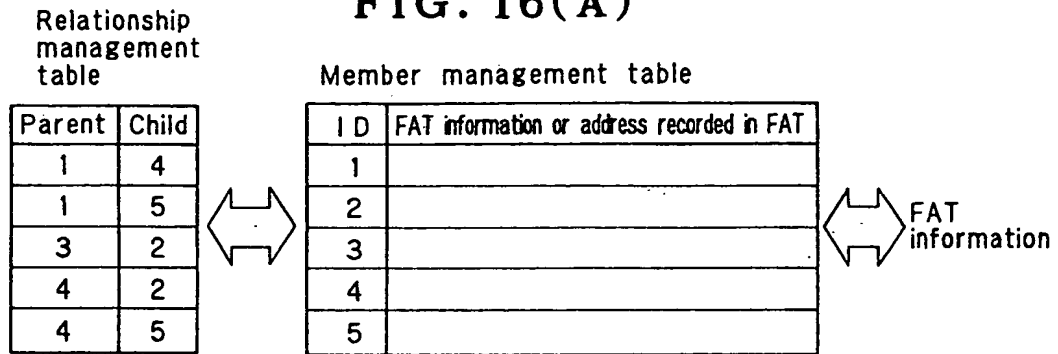
**FIG. 14**

Manager (professional version)

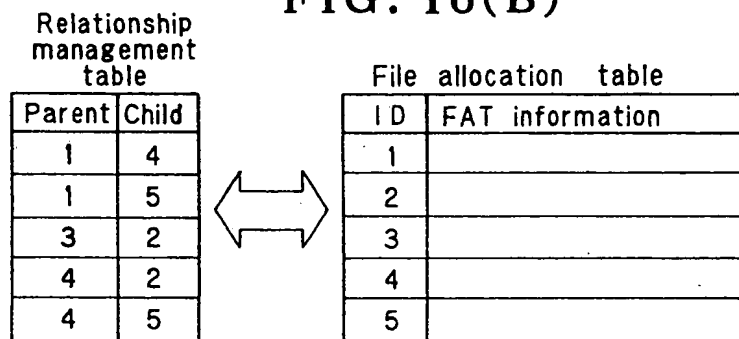




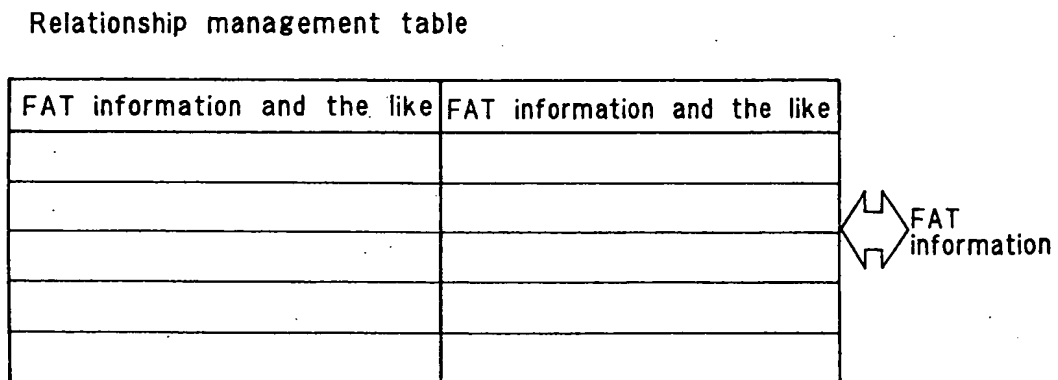
**FIG. 16(A)**



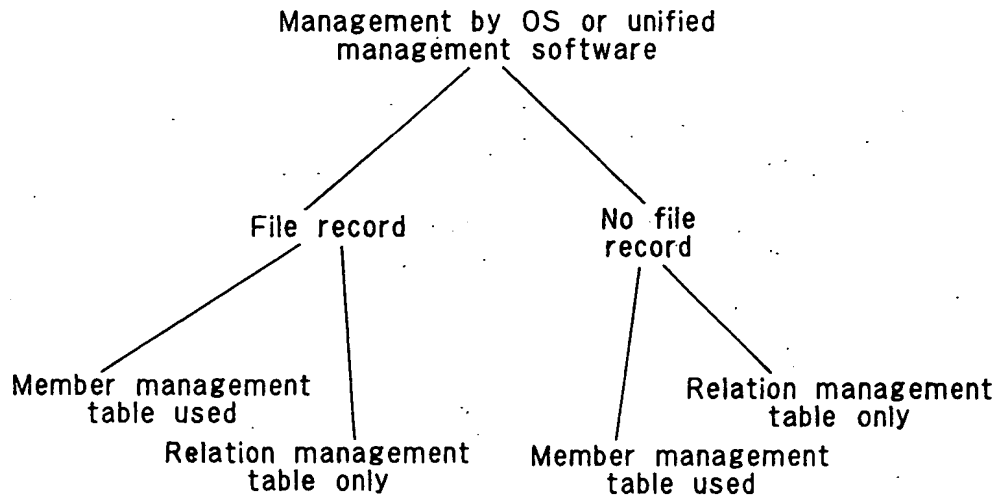
**FIG. 16(B)**



**FIG. 16(C)**



**FIG. 17(A)**



**FIG. 17(B)**

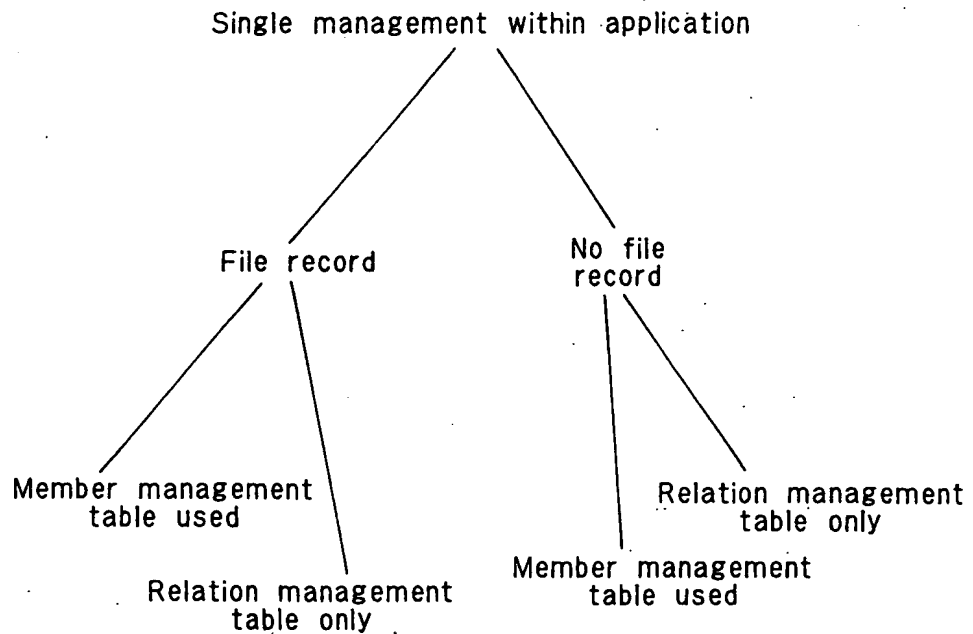


FIG. 18

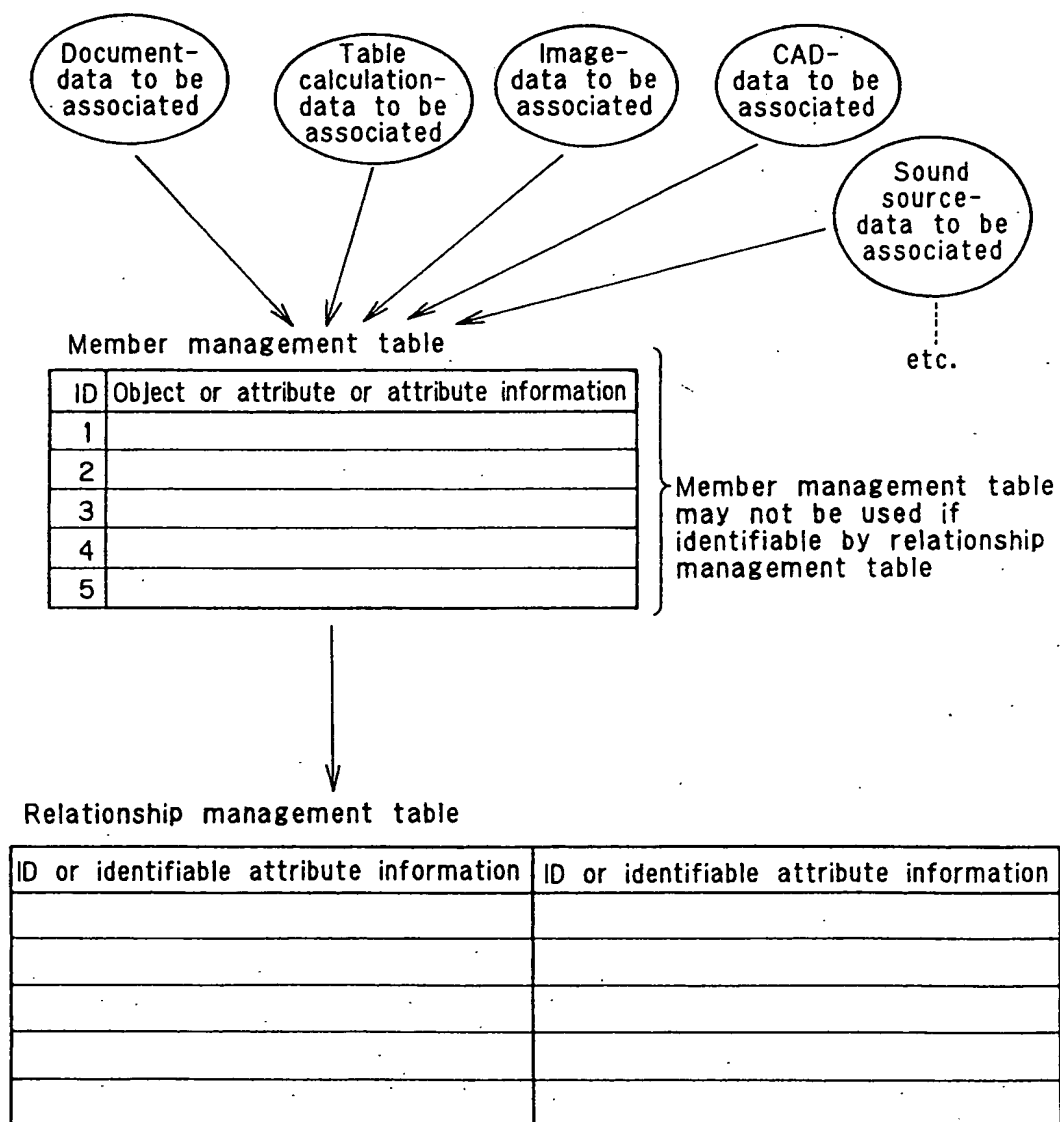


FIG. 19(A)

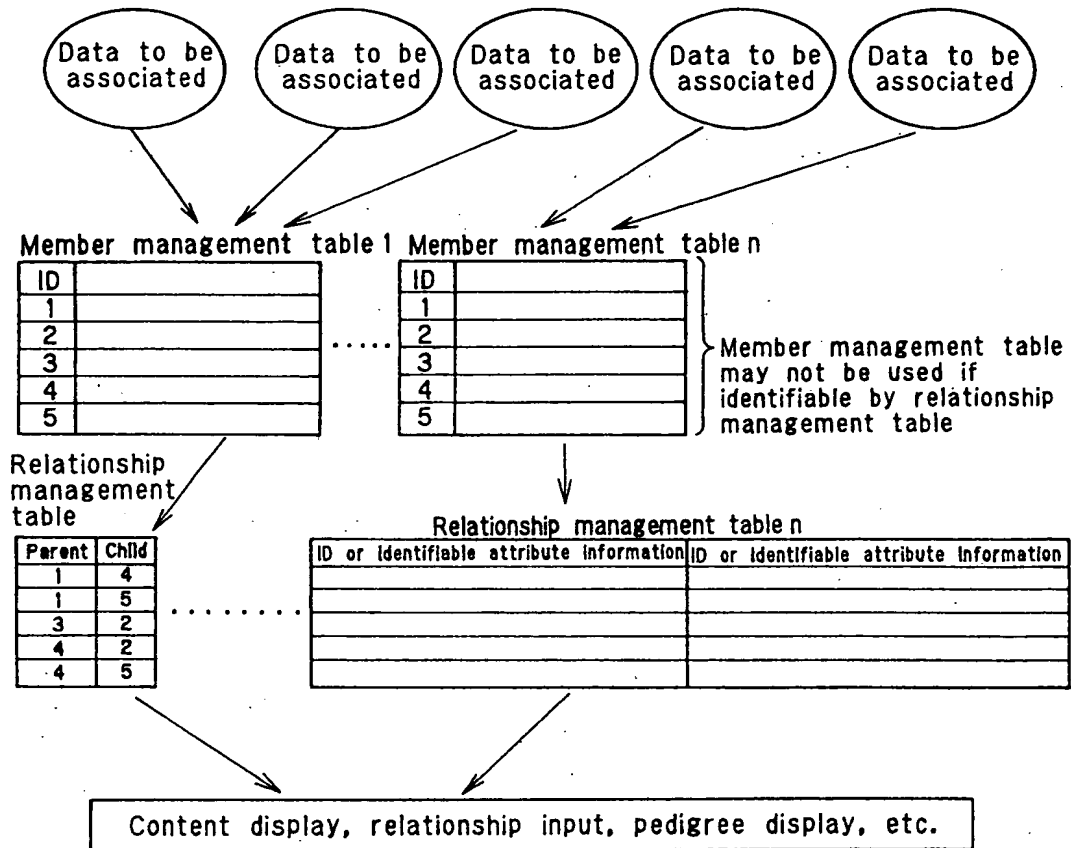


FIG. 19(B)

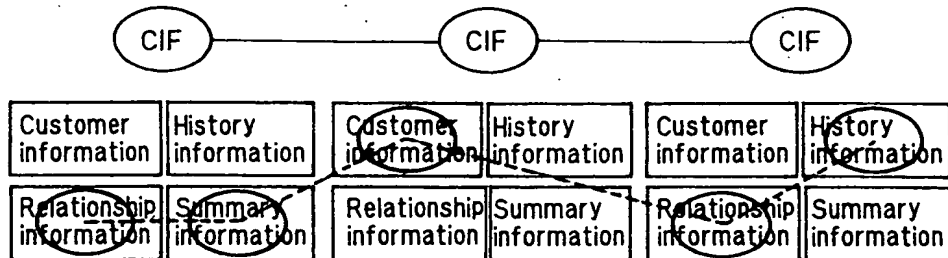


FIG. 20

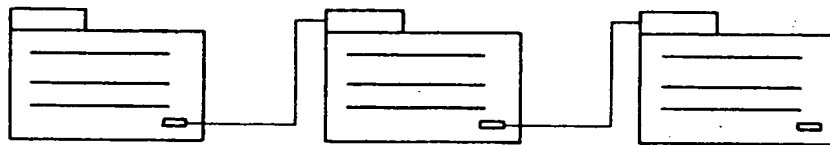
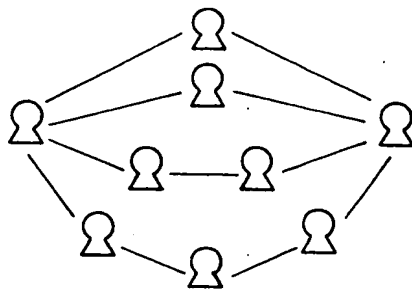


FIG. 42



In the case shown  
at left

Relative of the second  
degree (1)

Relative of the second  
degree (2)

Relative of the third  
degree (1)

Relative of the fourth  
degree (1)

**FIG. 21**

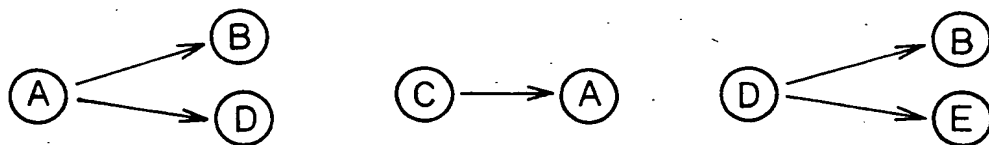
In case members are aligned in the order of parents

Parent	Child	Relationship
A	B	Friend
A	D	Family member
C	A	Colleague
D	B	Fishing friend
D	E	Fishing friend

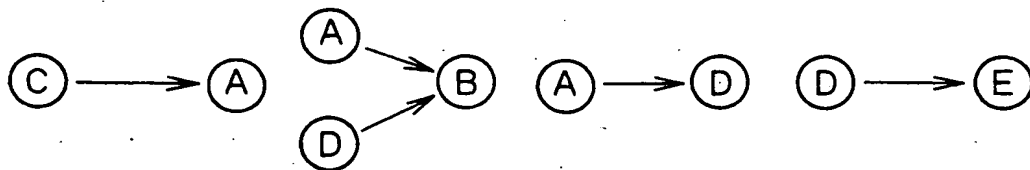
In case members are aligned in the order of children

Parent	Child	Relationship
C	A	Colleague
A	B	Friend
D	B	Fishing friend
A	D	Family member
D	E	Fishing friend

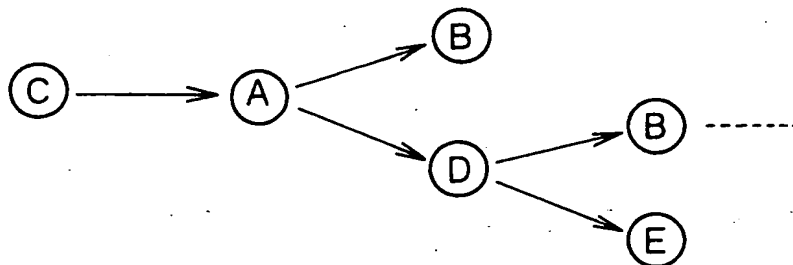
**FIG. 22**



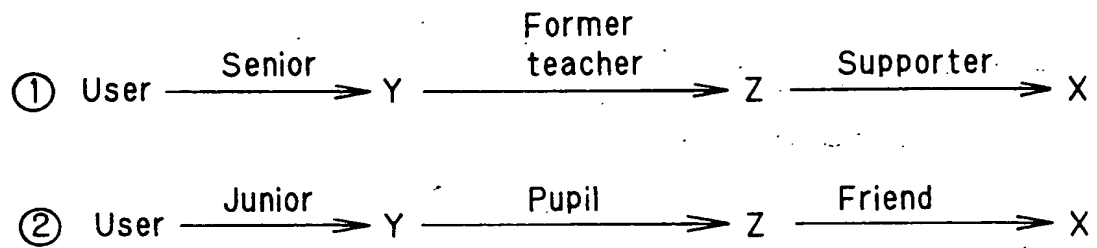
**FIG. 23**



**FIG. 24**



**FIG. 25**



**FIG. 26**

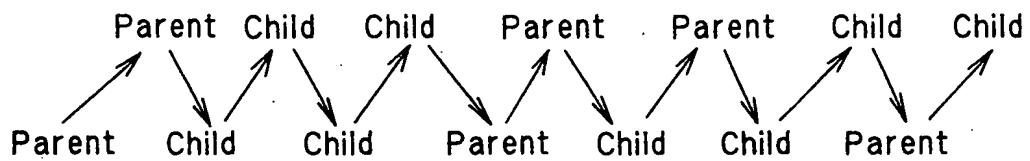


Chart for introduction of relationship - 'Closest & degree of relationship'

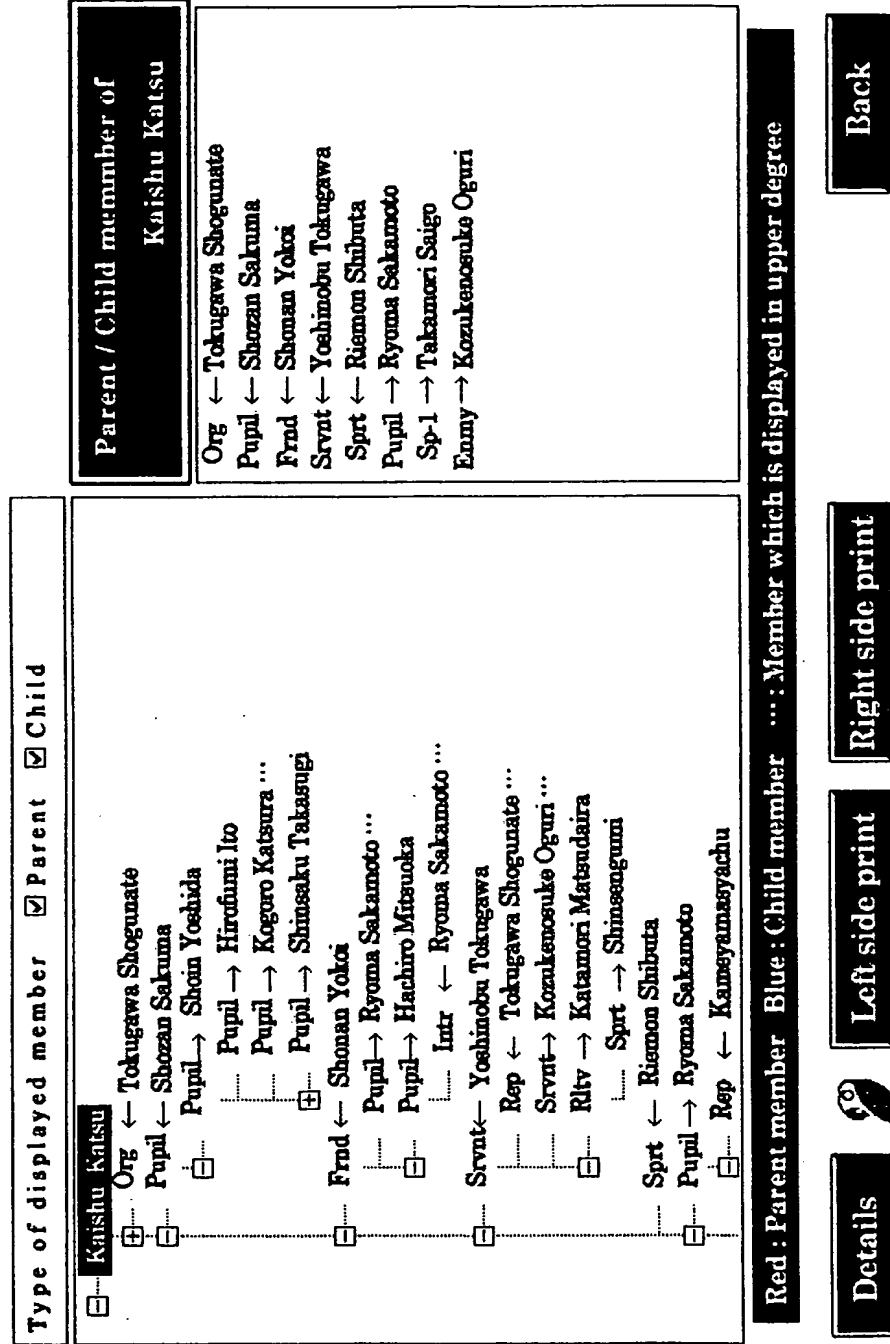
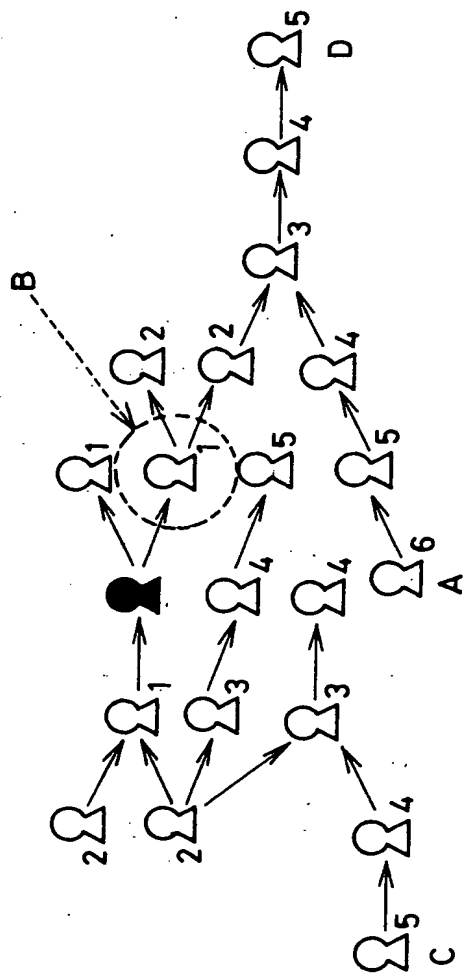


FIG. 28

Search for Relationship			
<div style="margin-bottom: 10px;"> <input type="checkbox"/> Kaishu Katsuo         </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> Shojiro Goto         </div> <p>Search for relationships in <input style="width: 50px;" type="text" value="5"/> closest level</p> <p><input checked="" type="radio"/> Display closest relationship   <input type="radio"/> Display all relationship</p>	<div style="margin-bottom: 10px;">           2nd degree(1) <input style="width: 50px;" type="text"/> </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> Kaishu Katsuo         </div> <div> <input type="checkbox"/> Pupil → Ryoma Sakamoto                                    └───┘                                Prtar ← Shojiro Goto         </div>		
<div style="display: flex; justify-content: space-between; margin-top: 20px;"> <span>Red : Parent member   Blue : Child member</span> </div>			
<a href="#">Detail</a>	<a href="#">Print</a>	<a href="#">OK</a>	<a href="#">Back</a>

FIG. 29



**FIG. 30**

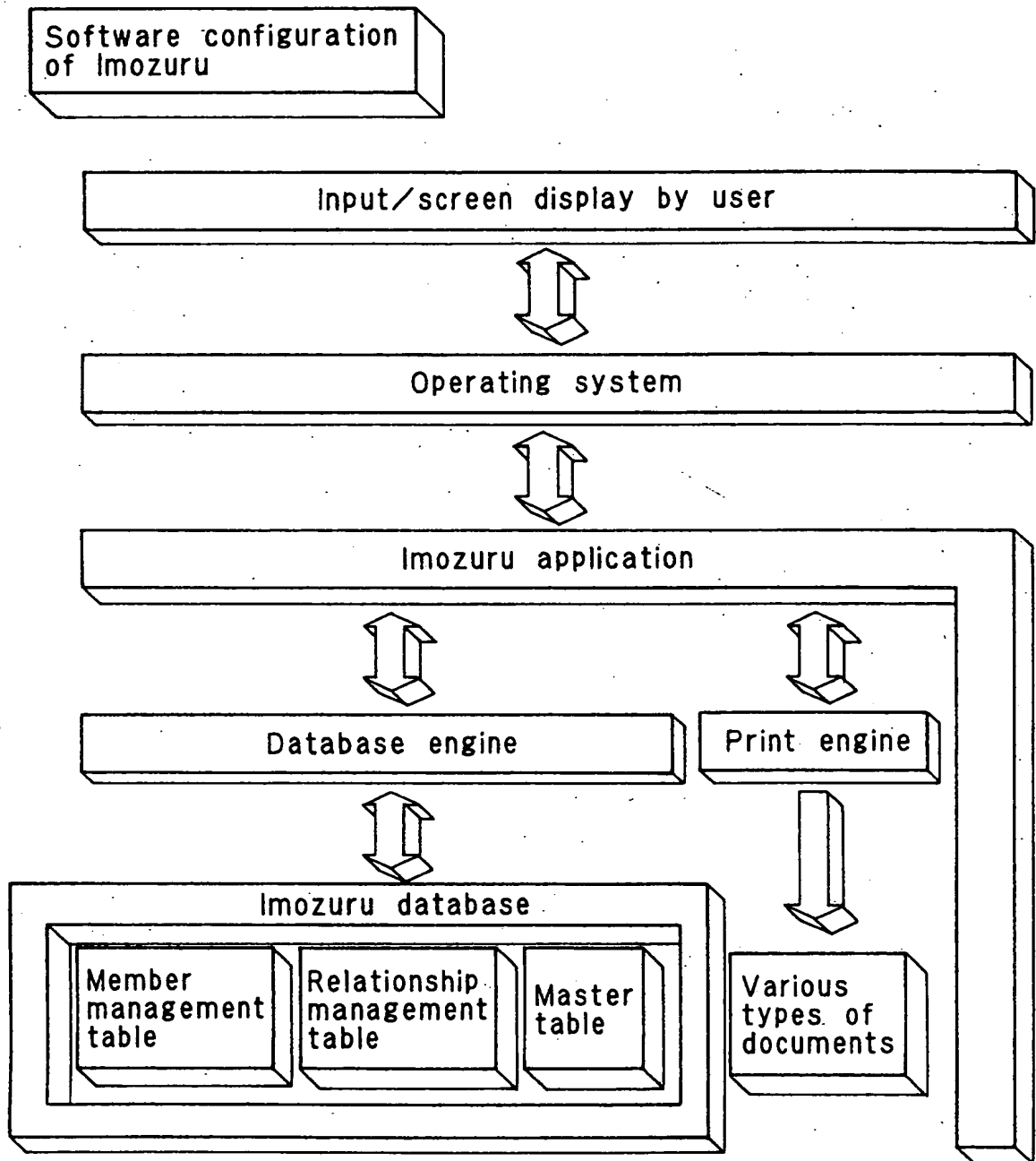


FIG. 31

Pedigree-like Personal Relationship Management System "IMOZURU-KUN"

All	AB	CD	DEF	GHI	JKL	MN	OP	QR	STU	V-Z	Symb	Cond
-----	----	----	-----	-----	-----	----	----	----	-----	-----	------	------

Pedigree-like Personal Relationship Management System
   
 Professional Ver.2.1.0

	Per / Com	Name1	Name2	Phone	Address1
1	Person	Hirafumi Ito	Ito Hirafumi	xxx-xxx-xxxx	Choshu
2	Company	Irohamaru	Irohamaru		
3	Person	Tomomi Iwakura	Iwakura Tomomi		Kyoto
4	Company	Tokugawa Shogu	Shogunate Tokug		Chiyoda-ku Tok
5	Person	Toehimichi Okub	Okubo Toehimich		Satsuma
6	Person	Kozukenosuke O	Oguri Kozukenos		Surugadai Edo
7	Person	Kaishu Katsu	Katsu Kaishu	xxx-xxx-xxxx	Hikawa Edo
8	Person	Kogoro Katsura	Katsura Kogoro	xxx-xxx-xxxx	Hagi Choshu
9	Company	Kameyamasaach	Kameyamasaach	xxx-xxx-xxxx	
10	Person	Shojiro Goto	Goto Shojiro		Kochi Tosa
11	Person	Takamori Saigo	Saigo Takamori		Satsuma
12	Person	Ryoma Sakamoto	Sakamoto Ryoma	xxx-xxx-xxxx	Kochi
13	Person	Shozan Sakuma	Sakuma Shozan	xx-xxxx-xxxx	Shinshu
14	Person	Rienon Shibuta	Shibuta Rienon	xx-xxxx-xxxx	Hokkaido
15	Company	Shineengumi	Shineengumi		Kyoto
16	Person	Shinsaku Takasu	Takasugi Shinsak	xxxx-xx-xxxx	Choshu
17	Person	Yoshinobu Tokug	Tokugawa Yoshin	xxx-xxx-xxxx	Mito
18	Person	Katamori Mats	Matsudaira Kata	xxx-xxx-xxxx	Kyoto
19	Person	Hachiro Mitsuok	Mitsuoka Hachir	xx-xxxx-xxxx	Echizen
20	Person	Shonan Yokoi	Yokoi Shonan		Higo
21	Person	Shoin Yoshida	Yoshida Shoin		Nagato

Management

Add Member

Modify

Delete

Input relationship

Display link tree

Basic Data

Configuration

Environment

Close "IMOZURU-KUN"

FIG. 32

Register / Modify Member detail	
<div> <div> <input type="radio"/> Person           <input checked="" type="radio"/> Company         </div> </div>	
Name1 Ryoma Sakamoto	<input checked="" type="checkbox"/> Secret
Name2 Sakamoto Ryoma	<input checked="" type="checkbox"/>
Sex <input checked="" type="radio"/> Male <input type="radio"/> Female <input type="radio"/> N/A	
Zip xxx-xxx	Mail to: <input type="checkbox"/> Not Mail
Home Address Tosa Kochi	
Phone xxx-xxxx-xxxx	Facsimile xxx-xxxx-xxxx
Cel.Phone xxx-xxxx-xxxx	
BOX Most Important	
Birthday 1835/11/15 (Age 166)	
Class 030301	Representative Nagasaki-Company
E-mail xxx@xxx.ne.jp	
URL www.xxxxx.ne.jp	
<div> <input type="button" value="Print"/> <input type="button" value="Relation"/> <input type="button" value="Delete"/> <input type="button" value="New Mem"/> </div>	<div> <input type="button" value="History"/> <input type="button" value="Back"/> </div>

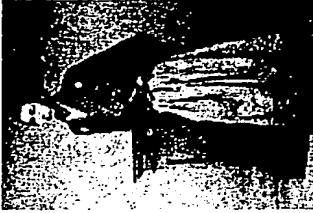

Register / Modify Member detail	
Registration date 2000/10/24	Modification date & time 2001/09/05 09:49:10
Image d:\xxxx\xxxxxx\xxxx.bmp	
Company Kameyamashachu	
Department Department	
Direct line Direct line	
Position Position	
Custom1 01-001	
Custom2 1867/11/15	

FIG. 33

Register BOX Code



0Q0 N/A
0Q2 Movals
0Q3 Real estate
1A1 Most Important
1A2 Important
1A3 Special
1B1 Branch Chief
1B2 Regional Chief

BOX Code

BOX Name

1A2

Important

Delete

OK

Back

FIG. 34

[illegible]

FIG. 35

Register Classification Code

Large Class

00 NA

01 Edo

02 Kyoto

03 Nagasaki

04 Satsuma

05 Choshu

06 Tosa

07 Higo

08 Shinano

09 Echizen

Middle Class

00 -

Small Class

00 -

Delete

OK

Back

FIG. 36

Register Relationship Classification

For Modification data, double-click or type relationship classification code.

000	N/A	N/A
002	Same Member	Same
003	Representative	Rep
004	Belonging Organization	Org
005	Fellow	Fll
006	Popul	Popul
007	Introducer	Intr
008	Friend	Frnd
009	Servant	Srvnt

Relate Code

006

Delete

Relate Code Name

Fellow

OK

Ahbrev. Name

Fll

Back

FIG. 37

### Old

Priority	Code	Code Name	Abbrev
1	000	N/A	N/A
2	002	Same Member	Same
3	003	Representative	Rep
4	004	Belonging Organ	Org
5	005	Fellow	Fll
6	006	Pupil	Pupil
7	007	Introducer	Intr
8	008	Friend	Fnd
9	009	Servant	Srvnt

### New

Add —  
☐ Upper of current  
☒ End of list

Return —

Priority Before Code Code Name Abbrev

OK

Back

[illegible]

FIG. 39

Chart for Introduction of Relationship - Parent, Child, Grandchild

Parent Member

Name	Link
Kameyamashac	Rep
Kaishu Katsu	Pupil
Shonan Yokoi	Pupil
Shojiro Goto	Prmr

Base Member

Ryoma Sakamoto

Sakamoto Ryoma

xxx-xxxx

Tosa

xxx-xxx-xxxx

Child Member

Link	Name
Intr	Takamori Saigo
Intr	Hachiro Mitsuoka
Frm	Kogoro Katsura

Grandchild

Link	Name
Frm	Toshimichi Okubo
Intr	Kaishu Katsu
Prmr	Kogoro Katsura

Detail

Change Object

Link-Search

Closest 5 degrees

Back

FIG. 40

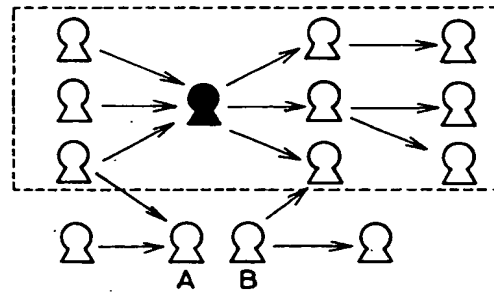
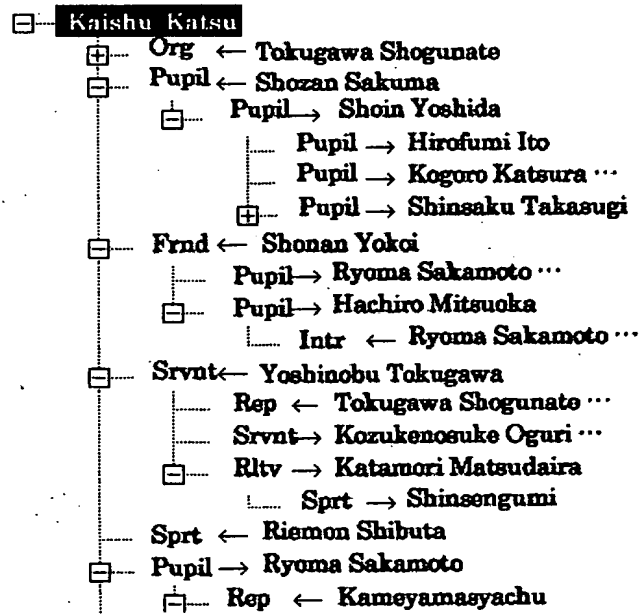


FIG. 41



# FIG. 43

Relationship management table (KKT)

ID	Parent	Child	Relationship classification
1	A	B	xxx
2	A	C	xxx
3	B	C	xxx
4	C	D	xxx
5	D	A	xxx

There may be arbitrary additional formation

Relationship vector table (KVT)

ID	Origin	Destination	Relationship classification	Time	Position	.....	Differentiation	KKT-ID
1	A	C	xxx	xxx	xxx	xxx	xxx	2
2	A	C	xxx	xxx	xxx	xxx	xxx	2
3	C	A	xxx	xxx	xxx	xxx	xxx	2
4	B	C	xxx	xxx	xxx	xxx	xxx	3
5	B	C	xxx	xxx	xxx	xxx	xxx	3
6	C	B	xxx	xxx	xxx	xxx	xxx	3
7	C	B	xxx	xxx	xxx	xxx	xxx	3
8	C	B	xxx	xxx	xxx	xxx	xxx	3
9	A	D	xxx	xxx	xxx	xxx	xxx	5
10	A	D	xxx	xxx	xxx	xxx	xxx	5

Arbitrary additional information

FIG. 44

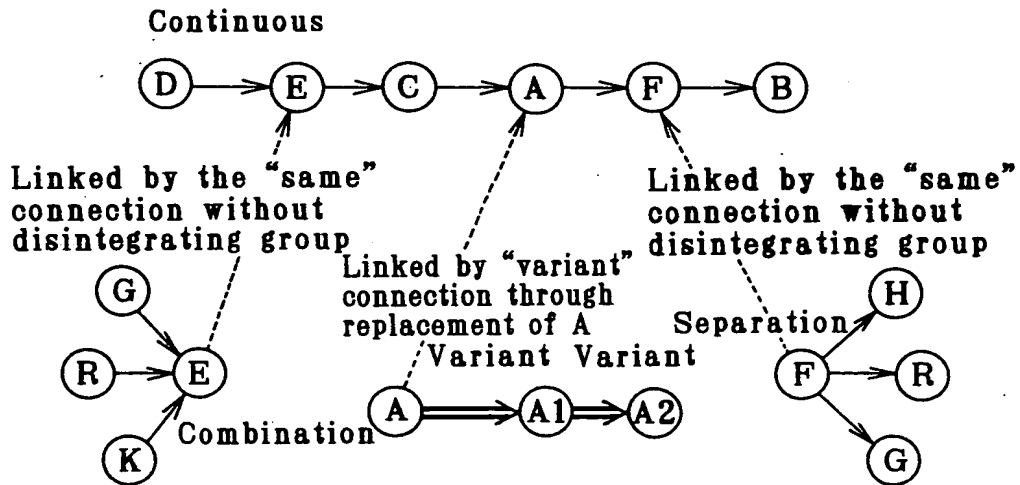


FIG. 45

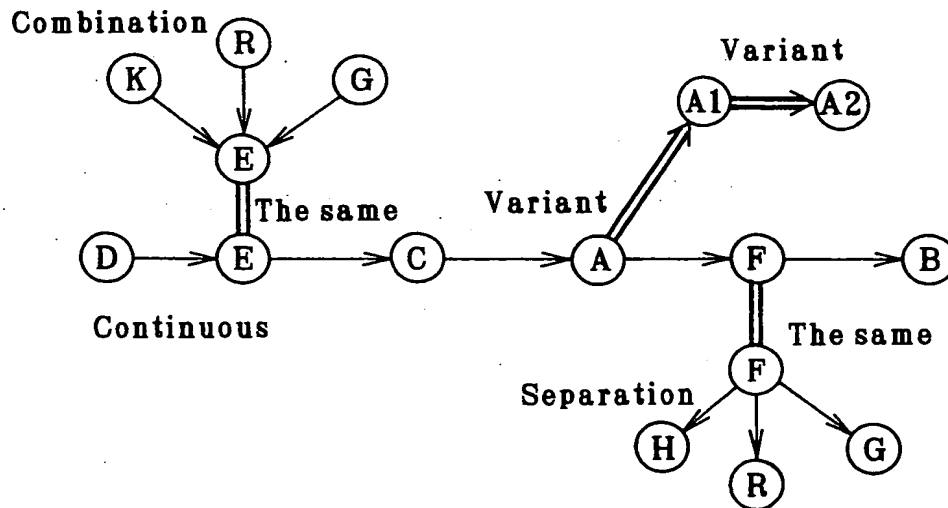


FIG. 46

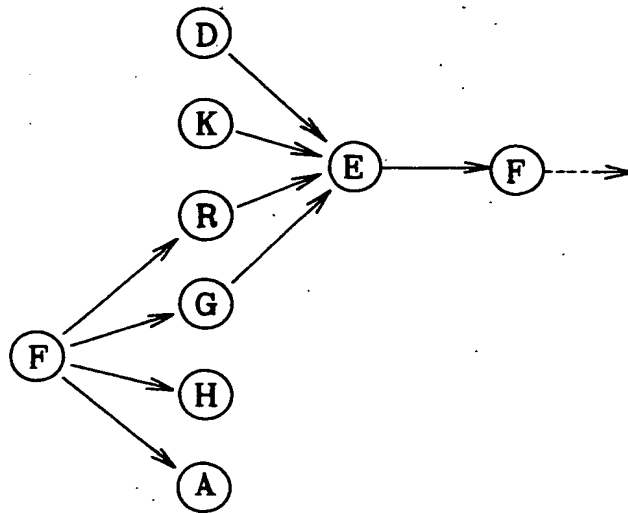


FIG. 47

